

RECEIVED 0590 Page 1 of 4
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TECH CENTER 1600/2900

1646

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/755,187

DATE: 06/12/2001
TIME: 12:31:45

Input Set : A:\es.txt
Output Set: N:\CRF3\06122001\I755187.raw

ENTERED

4 <110> APPLICANT: Farwick, Mike
5 M"ckel, Bettina
6 Pfefferle, Walter
8 <120> TITLE OF INVENTION: New Nucleotide Sequences Encoding the PTSH Gene
11 <130> FILE REFERENCE: 21123/275573
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/755,187
C--> 13 <141> CURRENT FILING DATE: 2001-01-08
13 <160> NUMBER OF SEQ ID NOS: 4
15 <170> SOFTWARE: PatentIn version 3.0
17 <210> SEQ ID NO: 1
19 <211> LENGTH: 480
21 <212> TYPE: DNA
23 <213> ORGANISM: Corynebacterium glutamicum
26 <400> SEQUENCE: 1
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29 gagatcgaca tttaaatcccc tccttgggg ggtttaacta acaaatacgct gcgcctaat 120
31 ccgttcggat taacggcgta gcaacacgaa aggacacttt ccatggcttc caagactgta 180
33 accgtcggtt cctccgttgg cctgcacgcg cgtccagcat ccatcatcg 240
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37 gacgcgtcct cttccctcat gatcatggcg ctgggcgcag agcacggcaa cgaagttacc 360
39 gtcacctccg acaacgctga agtgttgag aagatcgctg cgcttatcg 420
41 gacgctgagt aaacaacgct ctgcttgtta aaagctcggtt agaagcttgt taaaagcggt 480
44 <210> SEQ ID NO: 2
46 <211> LENGTH: 89
48 <212> TYPE: PRT
50 <213> ORGANISM: Corynebacterium glutamicum
53 <400> SEQUENCE: 2
55 Met Ala Ser Lys Thr Val Thr Val Gly Ser Ser Val Gly Leu His Ala
56 1 5 10 15
59 Arg Pro Ala Ser Ile Ile Ala Glu Ala Ala Glu Tyr Asp Asp Glu
60 20 25 30
62 Ile Leu Leu Thr Leu Val Gly Ser Asp Asp Asp Glu Glu Thr Asp Ala
63 35 40 45
65 Ser Ser Ser Leu Met Ile Met Ala Leu Gly Ala Glu His Gly Asn Glu
66 50 55 60
68 Val Thr Val Thr Ser Asp Asn Ala Glu Ala Val Glu Lys Ile Ala Ala
69 65 70 75 80
71 Leu Ile Ala Gln Asp Leu Asp Ala Glu
72 85
75 <210> SEQ ID NO: 3
77 <211> LENGTH: 20
79 <212> TYPE: DNA
81 <213> ORGANISM: PCR primer
84 <400> SEQUENCE: 3
85 accactggtg caatctccat 20
89 <210> SEQ ID NO: 4
91 <211> LENGTH: 20

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93 <212> TYPE: DNA
95 <213> ORGANISM: PCR primer
98 <400> SEQUENCE: 4
99 tttactcagc gtcaagggtcc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/755,187

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TIME: 12:31:46

Input Set : A:\es.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date